

Blythe II Evaporation Pond No. 2
Pond Level for Two Year Period at 90% of
Average Annual Evaporation Rate
Starting Level 5' Above Bottom of Pond

Month	Tabulated Evaporation ¹ (inches)	Expected Water Evaporation ² (inches)	90% of Expected Water Evaporation (inches)	Expected Brine Evaporation ³ (inches)	Expected Brine Evaporation for year with 90% of average evaporation ³ (inches)	Average Precipitation (inches)	Average Precipitation (acre - ft)	Plant Utilization	Average Temperature (°F)	Monthly Water to Pond (acre-ft)	Monthly Solids to Pond (acre-ft)	Total Monthly Influent ⁴	Evaporation with Pond #2 beginning year at elevation 5' (acre-ft)	Pond Level at end of month	Evaporation with Pond #2 beginning year at elevation 10.5' (acre-ft)	Pond Level at end of month
January	3.8	3.0	2.7	2.1	1.9	0.5	0.15	0.80	53.8	1.17	0.14	1.46	0.4	5.5	0.4	10.8
February	4.8	3.8	3.5	2.7	2.4	0.4	0.12	0.90	58.7	1.28	0.15	1.55	0.5	6.0	0.6	11.2
March	7.7	6.2	5.5	4.3	3.9	0.4	0.10	0.90	64.1	1.63	0.19	1.92	0.7	6.5	0.9	11.6
April	10.1	8.1	7.3	5.7	5.1	0.2	0.05	0.90	71.6	1.69	0.20	1.94	1.0	6.9	1.2	11.8
May	13.0	10.4	9.4	7.3	6.6	0.0	0.01	0.95	79.4	1.95	0.23	2.19	1.3	7.3	1.6	12.0
June	14.4	11.5	10.4	8.1	7.3	0.0	0.01	1.00	88.5	2.18	0.26	2.45	1.5	7.7	1.8	12.3
July	15.5	12.4	11.2	8.7	7.8	0.3	0.08	1.00	94.6	2.34	0.27	2.69	1.6	8.1	1.9	12.5
August	13.7	11.0	9.9	7.7	6.9	0.7	0.20	1.00	93.3	2.32	0.27	2.79	1.4	8.6	1.7	12.9
September	10.8	8.6	7.8	6.0	5.4	0.4	0.11	1.00	87.1	2.13	0.25	2.48	1.2	9.2	1.4	13.3
October	7.8	6.2	5.6	4.4	3.9	0.3	0.08	0.95	75.3	1.90	0.22	2.20	0.9	9.7	1.0	13.6
November	4.8	3.8	3.5	2.7	2.4	0.2	0.06	0.90	62.1	1.40	0.16	1.63	0.5	10.1	0.6	14.0
December	3.6	2.9	2.6	2.0	1.8	0.5	0.14	0.80	53.9	1.17	0.14	1.45	0.4	10.5	0.5	14.3
	110.0	88.0	79.2	61.6	55.4	3.7	1.10	0.925		21.17	2.48	24.75	11.3		13.5	

1 Assumed to be pan evaporation rate

2 Assume evaporation of water in shallow pond is 80% of pan evaporation rate

3 Assume brine evaporation rate is 70% of water evaporation rate

4 Precipitation, water, and solids